Public Notice
PERMIT APPLICATION: NRS #07.308

APPLICANT: Phillip Jones
Laurel Cove Development, LLC
230 Franklin Road, Ste 8 10
Franklin, TN 37064

LOCATION: South of Eudaily-Covington Road at intersection of Arno Road
Site 35.82693°N, -86.73623°W
Williamson County

WATERSHED DESCRIPTION: The project is located in the Harpeth River watershed (HUC 05130204). Impacted during this initial phase of development will be 7 streams; McClory Creek (shown on map as McCrory Creek) and 6 unnamed tributaries. Land use surrounding this property is agricultural and rural residential. The majority of the property has been previously used for grazing livestock. These streams have not been assessed with regard to supporting their designated uses. USGS Topo Quad: College Grove, TN.

PROJECT DESCRIPTION: The above applicant is seeking an aquatic resource alteration permit for stream and wetland impacts associated with the Laurel Cove development, which includes an 18-hole golf course and residential subdivision, located southeast of the intersection of Eudailey-Covington Road and Arno Road. In total the property being developed is 1,118 acres. Included in this application are only the alterations associated with the widening of Arno Road from Eudaily Covington Road to Arno College Grove Road and the portion of the golf course and residential development from Arno Road east to McClory Creek and south of Eudaily-Covington Road approximately 5,167 linear ft to the proposed Greg Norman Blvd, southern portion. Coverages under the NPDES General Permit for Storm Water Discharges Associated with Construction Activity, TNR145943 and TNR146069 were granted on October 19, 2007 and December 14, 2007, respectively, for portions of the development included on this notice. The Eudaily-Covington Sewage Treatment facility (SOP# 05036) is being expanded to process sewage from this new development, construction is underway A utility line crossing for an unnamed tributary at this facility was granted coverage under the General ARAP, NRS07.436, on December 28, 2007.

The proposed impacts are organized in this notice from the northern to the southern most stream. Associated permit applications were submitted by Adenus Solutions Group for sewer line crossings of McClory Creek and an unnamed tributary. McClory Creek at the point of crossing has a bedrock bottom and is approximately 10ft wide. The unnamed tributary flows over soil and gravel substrate. The sewer lines, to be installed by trenching, consist of two pvc pipes with concrete caps and will be located near Eudaily-Covington Road bridge over McClory Creek.

The following stream numbers correspond to the map submitted with the Arno Road and subdivision plans. Stream 1 and 2 combine to form Stream 15 in the northwest corner of

the property before emptying into McClory Creek. These streams are first order flowing on soil and gravel substrate with very little canopy.

Stream 1, is to be crossed twice by proposed roads within the subdivision. Crossing 1 Great White Circle—2, 90ft pipes with headwall and transitions. Crossing 2, is 250ft downstream of crossing 1, proposed is 2, 85ft pipes with headwalls and transitions. Pond A has already been constructed within the portion of the overall channel that has been designated as a wet weather conveyance. Total structure length is 175ft.

Stream 2 enters the property from the west, under Arno Road, combines with a small headwater stream labeled as stream 3, before combining with Stream 1. Proposed are a water line, a golf path bridge B, and two road crossings; labeled as Crossing #2 on Arno Road and Crossing #3 for the proposed Greg Norman Boulevard. The Arno Road crossing is a bridge replacement. The existing 39ft structure is to be removed and replaced with 76ft structure, 56ft culvert with 2, 10ft wingwalls. Crossing #3 of the subdivision is to be a pre-cast, 11section, bottomless concrete culvert covering 88ft of stream with 10 ft headwalls on each end. The golf path bridge is to be 8ft in stream length located between Arno Road and Crossing 3. Total structure length is to be 192ft. The water line, Line A, is to be a 16-inch ductile iron pipe, installed in a hoe rammed trench backfilled with concrete near the Arno Road crossing.

Proposed impacts to stream 15 are two golf cart bridges, A and G. Each bridge is to be 8ft in stream length. Combined impacts from stream 1, 2 and 15 are 383ft of encapsulation.

Stream 4 is a first order stream, flowing on soil and gravel substrate with shrub canopy draining to McClory Creek. Proposed for stream 4 and its associated upstream wet weather conveyance, are Pond 4, golf path bridge Q, and three road crossings; including the southern portion of the proposed Greg Norman Blvd, and the east and west loops of the proposed Pelican Way. Greg Norman Boulevard would be constructed near Arno Road in a portion of the channel determined to be a wet weather conveyance. Pond 4 would be constructed immediately downstream of this road. This pond would be an impoundment constructed such that the discharge pipe is installed over the determined point of origin of the stream, such that this pipe would also serve as the road crossing for the proposed Pelican Way West, Crossings #4. Based on the plans provided, a 160ft pipe would be installed through the point of origin of the stream. Crossing #5 for Pelican Way East is planned as an 113ft pipe plus headwalls. Crossing 5 is approximately 200ft east of crossing 4. Downstream of crossing 5, is a 8ft golf path bridge. Total structure length for stream 4 is 280ft with 7ft of stream length loss.

Stream located at 35.80734, -86.74029 ¼ mile north of Arno College Grove intersection, crossing #3 on Arno Road, is an unnamed tributary to McClory Creek flowing over soil and gravel substrate with partially wooded canopy. Proposed is the removal of the existing 39ft 42inch diameter single metal pipe. The replacement structure is to be 2 elliptical, 72inch wide corrugated metal pipes with endwalls.

The road crossing on Arno Road over the stream located 1/8 mile north of the intersection of Arno-College Grove Road is to be replaced. The stream is approximately

10ft wide flowing over bedrock under a wooded riparian canopy. The existing structure is a 30ft two barrel concrete slab culvert. The replacement structure is to be a 65ft x 24ft single span, arched conspan with wingwalls.

Based on the preliminary concept plans, there will be other aquatic resource alterations associated with the overall residential subdivision to be constructed in phases over a 5 year period as well as other alterations associated with the golf course construction. Planned are also bank stabilization of McClory Creek and micropools as wet detention for runoff from the golf course.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the Division has determined that the proposed activity will result in degradation. The Antidegradation Status has not yet been determined.

PERMIT COORDINATOR: Judy Manners

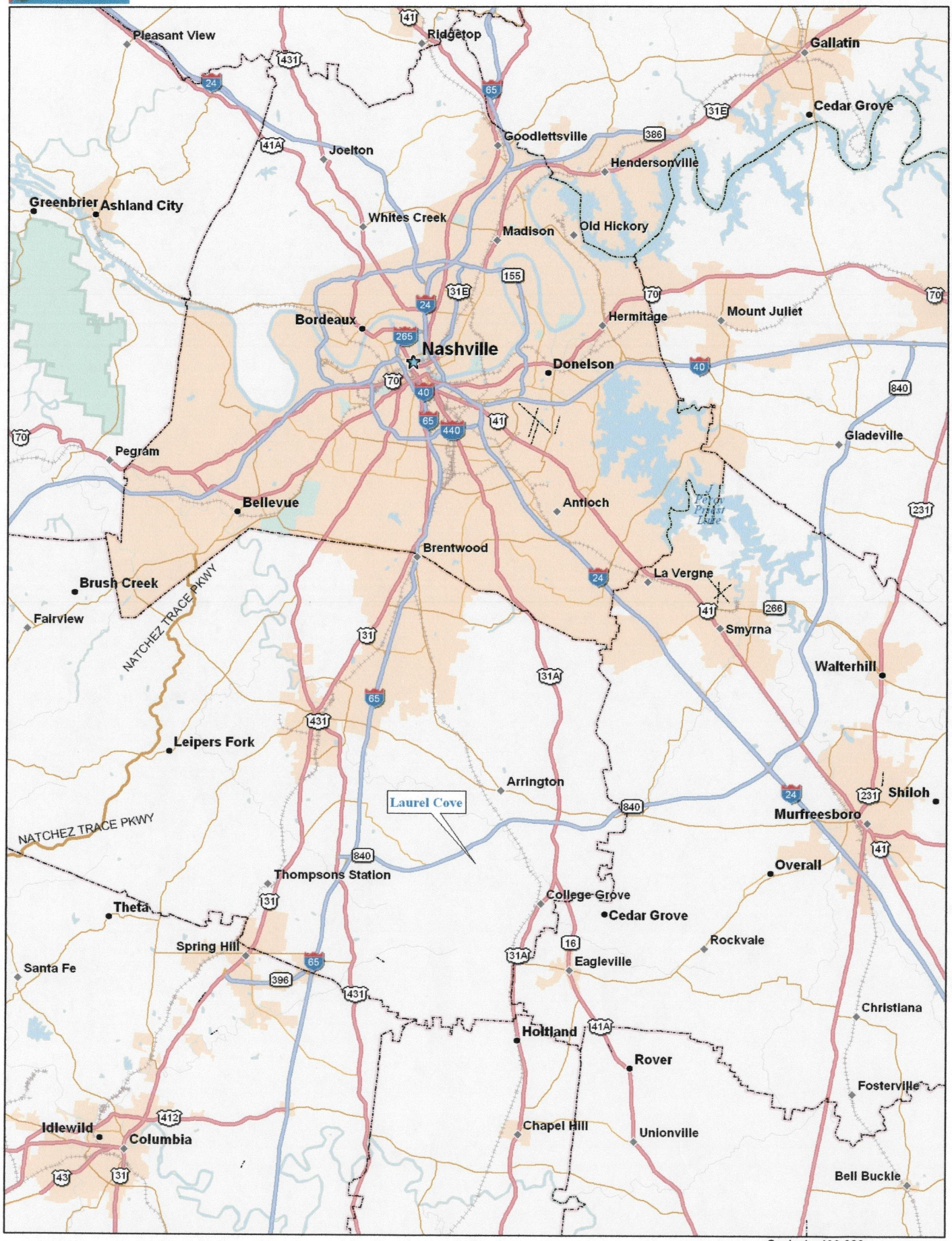
No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.



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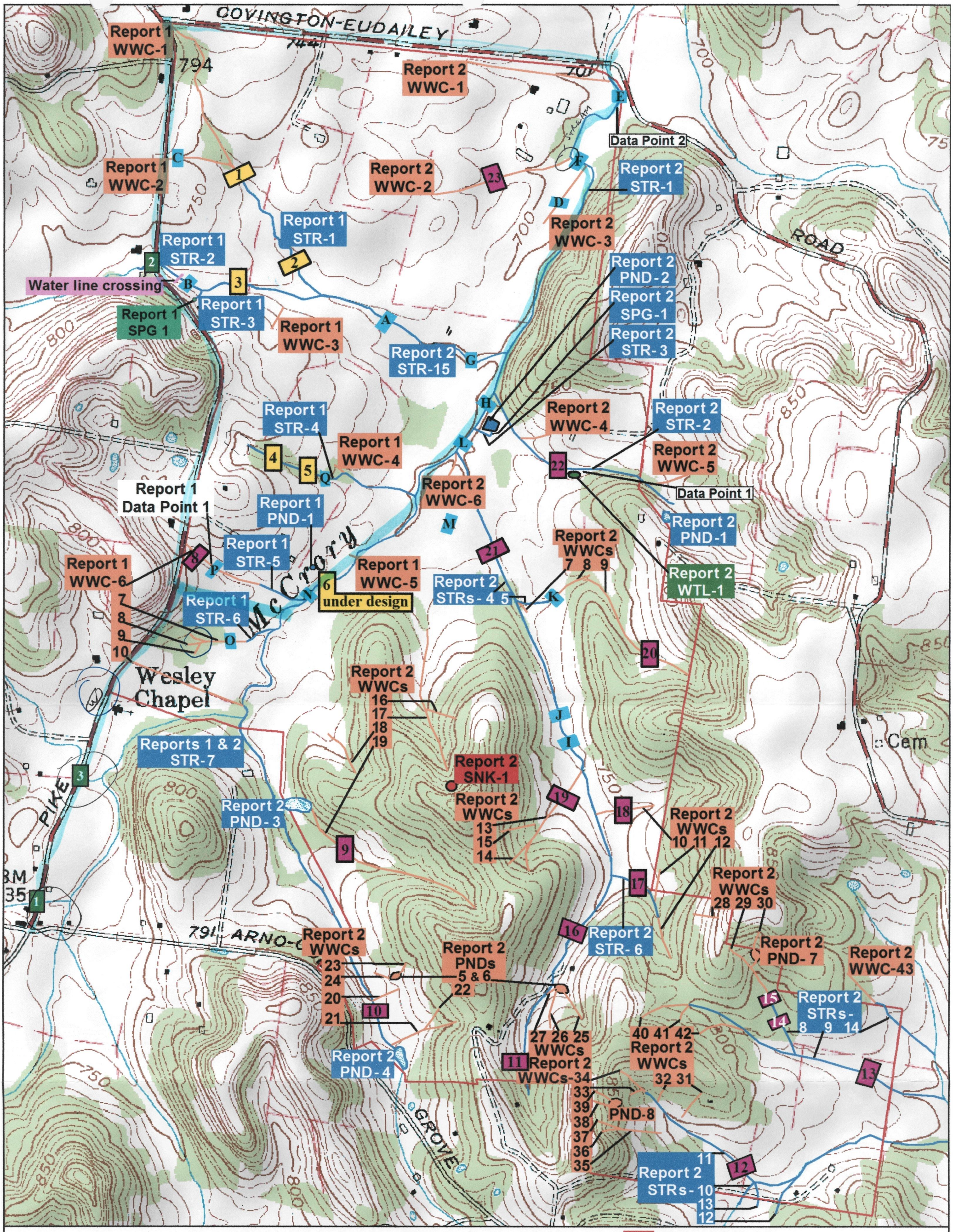
TN
MN (0.0°E)

Scale 1 : 400,000

1" = 6.31 mi

Data Zoom 9-0



Locations of Natural Resource Features and Crossings in Laurel Cove From MACTEC Engineering and Dale & Associates, Civil Engineers

Laurel Cove Golf course

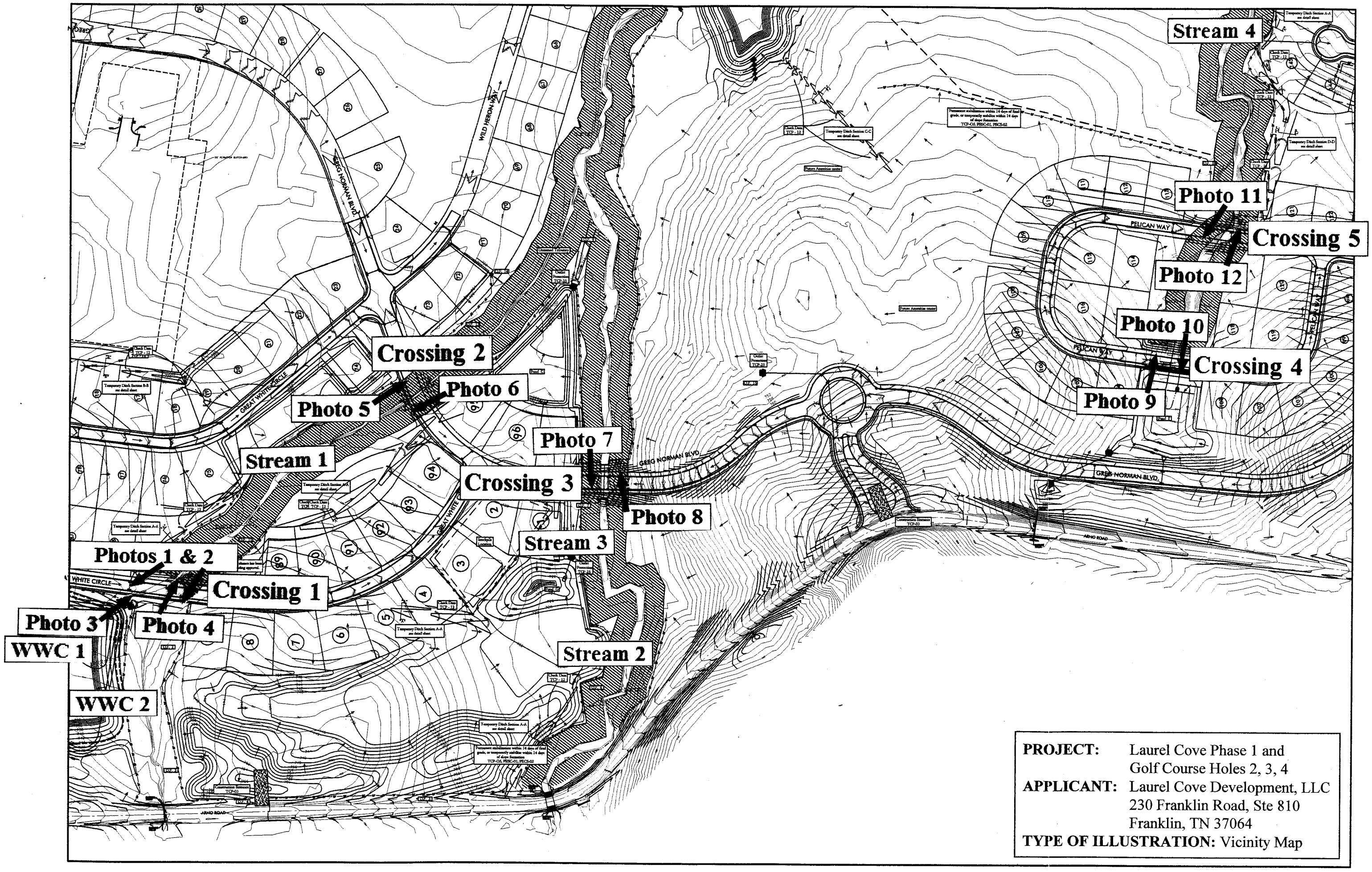
Williamson County, Tennessee

SHEET: 1 of 1

REVISED

DATE: November 02, 2007

Water Quality & Erosion Control of Tennessee
Design, Inspection, Remediation, Conflict Resolution
2813 Dogwood Place Nashville, TN 37204
Phone: (615) 292-4812 Fax: 292-3312



PROJECT:	Laurel Cove Phase 1 and Golf Course Holes 2, 3, 4
APPLICANT:	Laurel Cove Development, LLC 230 Franklin Road, Ste 810 Franklin, TN 37064
TYPE OF ILLUSTRATION:	Vicinity Map